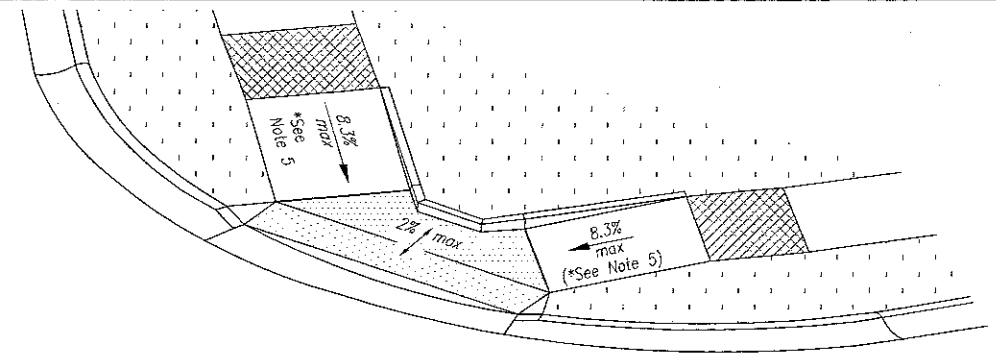
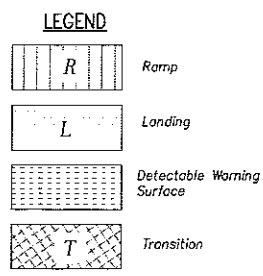
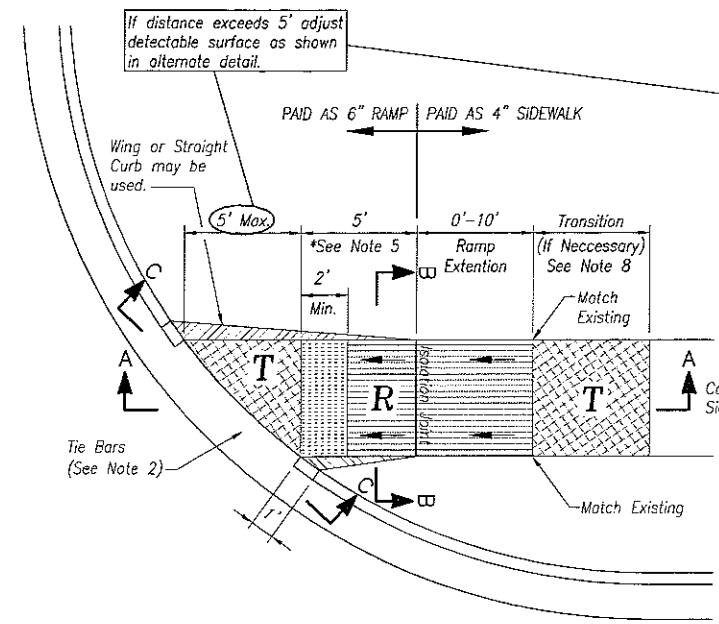


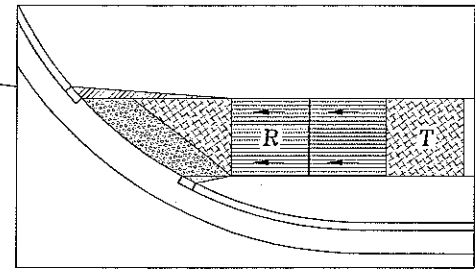
3-D VIEW TYPE A SIDEWALK RAMP



3-D VIEW TYPE B SIDEWALK RAMP



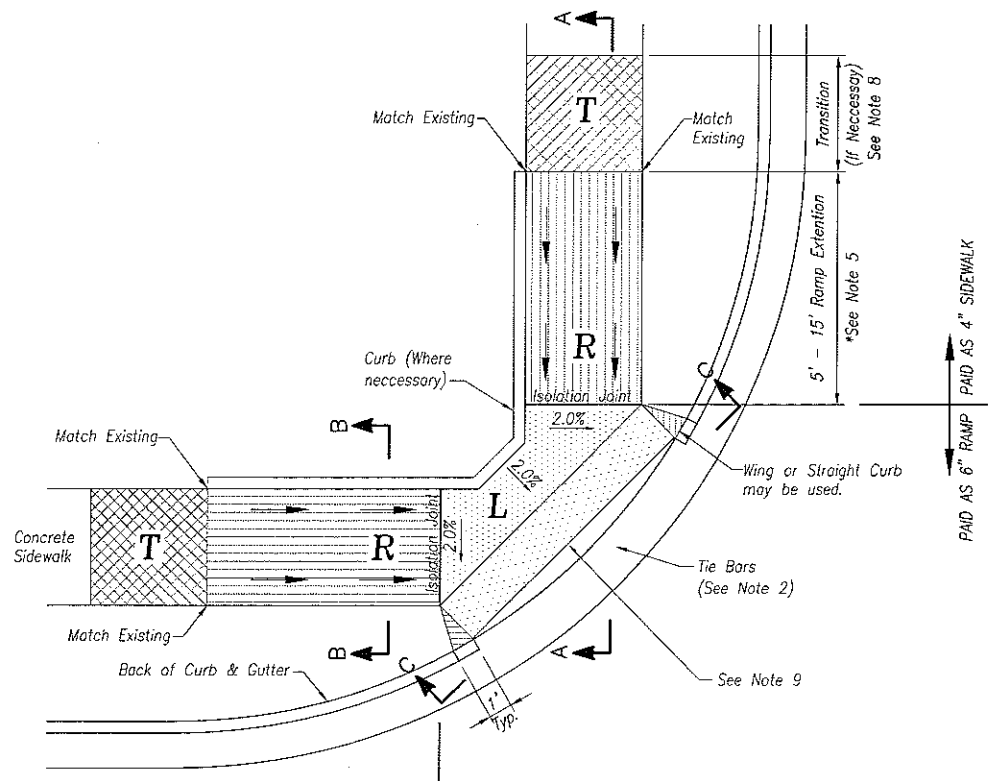
TYPE A SIDEWALK RAMP Not to Scale



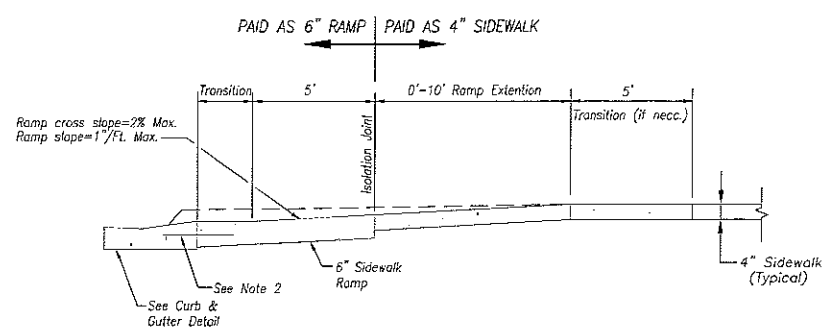
ALTERNATE DETECTABLE SURFACE LAYOUT

SIDEWALK & SIDEWALK RAMP NOTES:

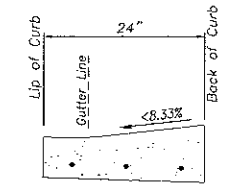
1. SIDEWALK RAMP LOCATION DETERMINED FROM THE INTERSECTION OF THE EXTENSION OF BACK OF SIDEWALK AND BACK OF CURB & GUTTER.
2. AT CONSTRUCTION JOINTS, USE TIE BARS #4 EPOXY COATED @ 24" O.C.
3. LONGITUDINAL JOINT SPACING TO MATCH WIDTH OF SIDEWALK.
4. ISOLATION JOINTS SHALL BE PLACED WHERE WALK ABUTS DRIVEWAYS AND SIMILAR STRUCTURES, AND 150' CENTERS MAX.
5. ADA MAXIMUM RAMP SLOPE = 1"/FT (8.33%)
ADA MAXIMUM CROSS SLOPE = 2.0%
***ROADWAY EXCEPTION:** WHERE EXISTING ROAD PROFILE GRADE DOES NOT ALLOW RAMP TO MEET RAMP SLOPE REQUIREMENT OF 8.33% OR LESS, THE RAMP SHALL BE EXTENDED TO A LENGTH OF 15 FEET TO MATCH EXISTING SIDEWALK. CROSS SLOPE OF RAMP SHALL NOT EXCEED 2%.
6. DETECTABLE WARNINGS TO COMPLY WITH ADA REQUIREMENTS.
7. FOR RETROFIT WORK, ELEVATIONS TO BE DETERMINED IN FIELD AND APPROVED BY CITY INSPECTOR
8. RAMP EXTENSION AREA SHALL NOT BE USED AS TRANSITION TO EXISTING SIDEWALK. ANY TRANSITIONS REQUIRED TO MATCH RAMPS TO EXISTING SIDEWALK SHALL REQUIRE REMOVAL AND REPLACEMENT OF ADDITIONAL SIDEWALK BEYOND THE RAMP AREA. SIDEWALK TRANSITION LENGTH SHALL BE EQUAL TO OR GREATER THAN THE WIDTH OF THE EXISTING SIDEWALK.
9. LANDINGS SHALL NOT EXCEED 2.0% SLOPE IN ANY DIRECTION AS SHOWN IN DETAIL.



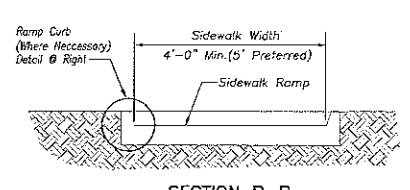
TYPE B SIDEWALK RAMP Not to Scale



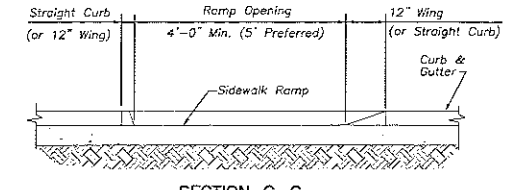
SECTION A-A



CURB & GUTTER DETAIL AT RAMP Not to Scale

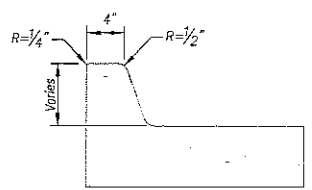


SECTION B-B

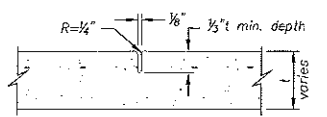


SECTION C-C

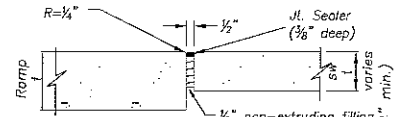
TYPE A & B SIDEWALK RAMP Not to Scale



RAMP CURB DETAIL Not to Scale

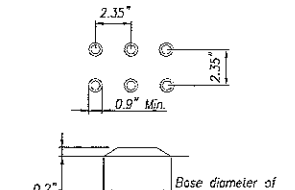


CONTRACTION JOINT



ISOLATION JOINT

JOINT DETAILS Not to Scale



DETECTABLE WARNING DOME SPACING SECTION Not to Scale

CITY OF LEE'S SUMMIT, MO
PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION
220 SE GREEN STREET
LEE'S SUMMIT, MO 64083



ADA RAMP RETROFIT

Project:
Street Name:

CAD NO. ADA RAMP DETAILS.dwg
DATE/TIME 20120302 09:43

Drawn By: STP
Checked By: GBM III

LS-2